

ABSTRACT

Motion blurring of a moving object in an image is mitigated with tracking the moving object. A motion vector detection section 30 detects motion vector of the moving object moving in an image, which 5 is made up of multiple pixels and acquired by an image sensor having time integration effects, by using image data Dva of the image. A motion-blurring-mitigated object image generation section 40 generates image data DBf of a motion-blurring-mitigated object image in which motion blurring occurred in the moving object in the image is mitigated 10 by using the detected motion vector. A output section 50 combines the image data DBf of the motion-blurring-mitigated object image into a space-time location corresponding to the motion vector detected in the image based on background component image data DBb, to generate image data DVout of the motion-blurring-mitigated image.